

Section 1 - Identification of The Material and Supplier

Aqua-Seal STS
PO Box 1110
Sutherland NSW 1110

Phone: +61 2 9521-4000
Fax: +61 2 9521-5222
<http://www.aqua-seal.com.au/>

Chemical nature: Blend of ingredients.
Trade Name: **Blast HD™**
Product Code: 123-000
Product Use: Heavy duty acid treatment for acid resistant tile, stone, concrete and masonry surfaces.
Creation Date: **April 2013**
This version issued: **April 2018** and is valid for 5 years from this date.

Section 2 - Hazards Identification

Statement of Hazardous Nature

Not Hazardous according to criteria of the Australian Safety & Compensation Council (ASCC), formerly (NOHSC).
Not Classified by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.
A Scheduled Poison S6

Risk Phrases: Avoid contact with skin and eyes and ingestion.

Safety Phrases: Keep out of the reach of children

If swallowed do NOT induce vomiting. Get medical assistance promptly.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Wear suitable protective clothing, gloves and eye/face protection

Emergency Overview

Physical Description & Colour: Clear yellow liquid.

Odour: Characteristic odour.

Major Health Hazards: causes burns, harmful if swallowed.

Potential Health Effects

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. However if liquid enters nasal passages, it will cause pain and burn nasal membranes. Patients with inhalation burns may develop acute pulmonary oedema.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is corrosive to the skin. Capable of causing moderate to severe burns with ulceration. Can penetrate to deeper layers of skin, resulting in third degree burns. Corrosion will continue until product is removed or neutralised. Severity depends on concentration and duration of exposure. Burns may not be immediately painful; the onset of pain may be minutes to hours.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product is corrosive to eyes. It will cause severe pain, and corrosion of the eye and surrounding facial tissues. Unless exposure is quickly treated, permanent blindness and facial scarring is likely.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. Available data shows that this product is harmful, but symptoms are not available. However, this product is corrosive to the gastrointestinal tract. Capable of causing moderate to severe burns with ulceration. Can penetrate to deeper layers of skin, resulting in third degree burns. Corrosion will continue until product is removed or neutralised. Severity depends on concentration and duration of exposure.

Long Term Exposure: No data for health effects associated with long term ingestion.

MATERIAL SAFETY DATA SHEET

Carcinogen Status:**SWA:** No significant ingredient is classified as carcinogenic by SWA.**NTP:** No significant ingredient is classified as carcinogenic by NTP.**IARC:** No significant ingredient is classified as carcinogenic by IARC.**Section 3 - Composition/Information on Ingredients**

Ingredients	CAS No	Conc, %
Ethanedioic acid	144-62-7	<10
Phosphoric acid	7664-38-2	<10
Glycolic acid	79-14-1	<10

The ingredients are either non-hazardous or well below cut off points for hazardous substances including water to 100.

Section 4 - First Aid Measures**General Information:**

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this MSDS with you when you call.

Ingestion: If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label.**Eye contact:** If in eyes, hold eyelids open and flush continuously with water for 15 minutes or until instructed to stop by Poisons Information Centre.**Skin contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.**Inhalation:** Remove to fresh air. Provide artificial respiration if not breathing. Get urgent medical assistance.**Notes to physician:** Suggest intubation BEFORE any emesis.**Section 5 - Fire Fighting Measures****Suitable extinguishing media:** Water, Foams, CO₂ or dry powder.**Specific hazards:** Hot containers may burst causing scalds and spread of fire.**Firefighting further advice:** Wear full protective gear including air fed masks in confined spaces. Keep containers cool with water fog or spray.**Hazchem Code:** NONE ALLOCATED**Section 6 - Accidental Release Measures****Emergency procedures:** Contain. Extinguish all sources of ignition. For small spills absorb into earth or sand. For larger spills transfer to steel containers and label as for product for transport to disposal. Rinse area with water.**Section 7 - Handling and Storage****Precautions for safe handling.** Wear protective gear including gloves.**Storage:** Store in a cool dark place.**Section 8 - Exposure Controls and Personal Protection****National occupational exposure limits**

No value assigned for this specific material by the Australian Safety and Compensation Council. Use TWA of 10 mg/Cubic metre as a maximum.

As published by the Australian Safety and Compensation Council

Engineering measures: No special requirements.**Personal protection equipment:** Goggles, apron and gloves.**Section 9 - Physical and Chemical Properties:**

Physical Description & colour:	Clear yellow liquid.
Odour:	Characteristic odour.
Boiling Point:	Approximately 100°C at 100kPa.
Freezing/Melting Point:	Below 0°C.
Volatiles:	Water component.
Vapour Pressure:	2.37 kPa at 20°C (water vapour pressure).
Vapour Density:	No data.
Specific Gravity:	1.15

MATERIAL SAFETY DATA SHEET

Water Solubility:	Soluble in water.
pH:	<4
Volatility:	No data.
Odour Threshold:	No data.
Evaporation Rate:	No data.
Coeff Oil/water Distribution:	No data
Autoignition temp:	Does not burn.

Section 10 - Stability and Reactivity

Stability: Stable to over 60 °C.

Hazardous decomposition products: In fires CO₂, CO, NO_x and partially burned hydrocarbons.

Section 11 - Toxicological Information

No adverse effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

Acute Effects:

Ingestion: SUSMP S6 scheduling requires immediate medical treatment.

Eye contact: Prompt flushing with water will reduce or avoid adverse effects.

Skin contact: Wash with water.

Inhalation: Can cause chemical pneumonitis on entry to lungs. Conditions and method of use MUST preclude mists and vapours.

Long Term Effects:

Poison Information Centres in each State capital city can provide additional assistance for Scheduled Poisons: Phone (Australia 13 1126)

Acute toxicity / Chronic toxicity: No data available for product.

Carcinogenicity No component listed by ACGIH, IARC, NTP, or CA Prop 65.

Section 12 - Ecological Information

Eco toxicity. Expected to be toxic to the aquatic environment.

Persistence/Degradability: High biodegradability minimises effects.

Mobility: Expected to be mobile in aquatic systems.

Section 13 - Disposal Considerations

Disposal: This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to separate the contamination in some way. Only if neither of these options is suitable, consider landfill.

Section 14 - Transport Information

Not Classified by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

UNNo NONE ALLOCATED.

Segregation Dangerous Goods: segregate from Classes 4 and 5.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

The following ingredients: Phosphoric acid, Oxalic acid, are mentioned in the SUSMP.

Section 16 - Other Information

This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7 th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOS	Not otherwise specified

MATERIAL SAFETY DATA SHEET

NTP National Toxicology Program (USA)
R-Phrase Risk Phrase
SUSMP Standard for the Uniform Scheduling of Medicines & Poisons
UN Number United Nations Number

THIS MSDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS MSDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This MSDS is prepared in accord with the SWA document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]

MATERIAL SAFETY DATA SHEET